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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000 OMB 0651-0032  
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No.	12293-21
First Inventor or Application Identifier	Leighton
Title	Global Load Balancing Across Mirrored Data Centers
Express Mail Label No.	EL676184756US

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

*See MPEP chapter 600 concerning utility patent application contents*

- Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages (preferred arrangement set forth below)

  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 

4. Oath or Declaration [Total Pages 
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))

8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

9. ☐ English Translation Document (if applicable)

10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

11. ☐ Preliminary Amendment

12. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

13. ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application Status still proper and desired (PTO/SB/09-12)

14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

15. ☐ Other

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

### ACCOMPANYING APPLICATION PARTS

7. ☐ Submission Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment


☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. /

Prior application information \_\_\_\_\_ Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ Customer Number or Bar Code Label **26,579** or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type)	David H. Judson	Registration No. (Attorney/Agent)	30,467
Signature		Date	May 29, 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

**Complete if Known**

Application Number	NEW
Filing Date	May 29, 2001
First Named Inventor	Leighton
Examiner Name	
Group Art Unit	
Attorney Docket No.	12293-21

TOTAL AMOUNT OF PAYMENT (\$ 870.00)

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit  
Account  
Number

501,269

Deposit  
Account  
Name

Akamai Technologies, Inc.

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	5 - 20** =	2 X 80	160
Multiple Dependent Claims			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 160.00)

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

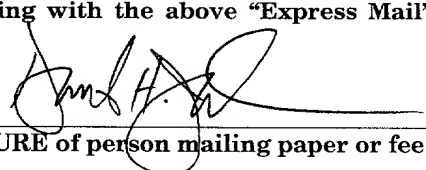
**SUBMITTED BY**

Name (Print/Type)	David H. Judson	Registration No (Attorney/Agent)	30,467	Complete (if applicable)	Telephone	(617) 613-2663
Signature				Date	May 29, 2001	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10</b>	
<b>"EXPRESS MAIL" mailing label number: EL676184756US</b>	<b>EL676184756US</b>
<b>Date of Mailing: May 29, 2001</b>	
I hereby certify that I have caused the documents indicated below to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above and are addressed to the Assistant Commissioner of Patents & Trademarks, Washington, D.C. 20231 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number	
<b>David H. Judson</b>	
<b>Typed or printed name of person mailing paper or fee</b>	<b>SIGNATURE of person mailing paper or fee</b>

Date: May 29, 2001

Phone (617) 613-2663

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Box Provisional – Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

**Attorney Docket Number: 12293-21**

USSN: New Utility  
Applicant: F. Thomson Leighton et al.  
Filing Date: May 29, 2001  
Title: **GLOBAL LOAD BALANCING ACROSS MIRRORED DATA CENTERS**

Dear Sir:

Transmitted herewith for filing are the following:

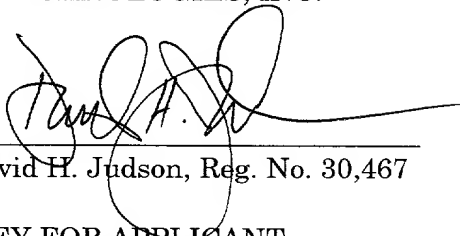
- ☒ Utility Patent Application Transmittal; and
- ☒ Fee Transmittal
- ☒ Specification (32 pages total)
- ☒ Drawings (4 pages total)
- ☒ Declaration (6 pages total – unexecuted)

This application is based on and claims priority from Serial No. 60/208,014, filed May 26, 2000. The deadline for filing this utility application has been extended through May 29, 2001.

Respectfully submitted,

AKAMAI TECHNOLOGIES, INC.

By:



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David H. Judson, Reg. No. 30,467

ATTORNEY FOR APPLICANT

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008466.00001.530120.04